

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
MCLEN INT/PNT 31.04 DME	EGROW LOM/I-LHJ 4.62 DME	055.36 / 15.21	2500	ILS: DA LOC: 4.76 MILES AFTER EGROW LOM CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 270 AND PNT VOR/DME R-214 TO MCLEN INT/PNT 31.04 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: WHEN AUTHORIZED BY ATC CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT EGROW LOM/I-LHJ 4.62 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 033.67 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N EGROW LOM/I-LHJ 4.62 DME, RT, 200.91 INBOUND. CHART FAS OBST: 996 ELEV 403011N/0885403W CHART VDP AT 0.88 DME* DISTANCE VDP TO THLD 1.02 MILES. *LOC ONLY. CHART CIRCLING ICON. CHART AIRPORT ELEVATION: 871.											
PNT VOR/DME (IAF)	OLIDE INT/I-LHJ 10.86 DME (NOPT)	202.13 / 10.71	2500												
OLIDE INT/I-LHJ 10.86 DME (IF)	EGROW LOM/I-LHJ 4.62 DME	200.91 / 6.24 (I-TXN)	2500												
1. PT <u>L</u> SIDE OF COURSE <u>020.91</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>EGROW LOM</u> (IAF) 2. _____ 3. FAC: <u>200.91</u> FAF: <u>EGROW LOM/I-LHJ 4.62 DME</u> DIST FAF TO MAP: <u>4.76</u> THLD: <u>4.76</u> 4. MIN. ALT: <u>EGROW LOM 2500</u> 5. DIST TO THLD FROM OM: <u>4.76</u> MM: <u>-</u> IM: <u>1116</u> 150 HAT: <u>-</u> 100 HAT: <u>945</u> GS ANT: <u>1048</u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>-</u> OM: <u>2459</u> MM: <u>-</u> IM: <u>980</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>58.1</u> 8. MSA FROM: <u>LH LOM 2800</u>				MAG VAR: <u>3W</u> EPOCH YEAR: <u>2015</u>											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: <u>NA</u>		ILS: <u>STANDARD #</u>		LOC: <u>STANDARD @</u>							
CATEGORY <u>=====></u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 20	1071	1800	200	1071	1800	200	1071	1800	200	1071	1800	200			
S-LOC 20	1260	2400	389	1260	2400	389	1260	3500	389	1260	3500	389			
CIRCLING	1340	1	469	1340	1	469	1620	2 1/4	749	1620	2 1/2	749			
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 20: CAT A, B, C, D, RA 122, RVR 1200, HAT 100, DA 971 MSL. CHART NOTE: VDP NA WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING. (SEE FORM 8260-10)															
CITY AND STATE BLOOMINGTON/NORMAL, IL				ELEVATION: 871 TDZE: 871 AIRPORT NAME: CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL		FACILITY IDENTIFIER: I-LHJ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 20, AMDT 3A ILS RWY 20 (CAT II) 15 OCTOBER 2015				SUP: AMDT: 3 DATED 03/15/2007			

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GENERAL DOWNING-PEORIA INTL ALTIMETER

SETTING: INCREASE ALL DA 116 FT AND ALL MDA 120 FT; INCREASE S-ILS ALL CATS VISIBILITY TO RVR

2400, S-LOC CAT C AND D VISIBILITY TO RVR 5500, AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE ALSF-2 WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING

INCREASE ILS ALL CATS VISIBILITY TO RVR 5000.

CITY AND STATE

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[illegible][illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBMIK5FI20	AMCLEN	010MCLENK5EA0E	IF						18000			0 NS	
SUSAP KBMIK5FI20	AMCLEN	020EGROWK5PC0E	TF						+ 02500			0 NS	
SUSAP KBMIK5FI20	AMCLEN	030EGROWK5PC0EE AR	PI ILHJK5		0209006333590100PI				+ 02500			0 NS	
SUSAP KBMIK5FI20	APNT	010PNT K5D 0V A	FC PNT K5		0000000020210087D				+ 02500	18000		0 NS	
SUSAP KBMIK5FI20	APNT	020OLIDEK5PC0EE B	CF ILHJK5		0209012520210020PI				+ 02500			0 NS	
SUSAP KBMIK5FI20	I	010OLIDEK5PC0E I	IF ILHJK5		02090125		PI	J	025000250018000			0 NS	
SUSAP KBMIK5FI20	I	020EGROWK5PC0E F	CF ILHJK5		0209006320100062PI		H	0250002459		-300LH	K5PN0	NS	
SUSAP KBMIK5FI20	I	030RW20 K5PGOGY M	CF ILHJK5		0209001520100048PI			00921		-300		0 NS	
SUSAP KBMIK5FI20	I	040 0 M	CA		2009			+ 01500				0 NS	
SUSAP KBMIK5FI20	I	050 0	VI		2700							0 NS	
SUSAP KBMIK5FI20	I	060MCLENK5EA0EY	CF PNT K5		2137031021370030D			+ 03000				0 NS	
SUSAP KBMIK5FI20	I	070MCLENK5EA0EE R	HM		0337T010			+ 03000				0 NS	

[illegible][illegible]

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SUSAP KBMIK5IILHJ2 011190RW20 N40274025W0885502062009N40285458W0885424501098 10480440300W00305800858

[illegible]

SUSAP KBMIK5SLH K5PN 0 18018002825 M

[illegible]

SUSAPNKBMIK5 LH K5003340HOLW N40333727W088522868 W0030 NAREGROW

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MCLEN	MCLEN	010		IF		FB					
	MCLEN	EGROW	020		TF		FB				AA 02500	
	MCLEN	EGROW	030	IAF	PI	R	FB		335.9()	010.0	AA 02500	
	PNT	PNT	010	IAF	FC		FB		202.1()	008.7	AA 02500	
	PNT	OLIDE	020		CF		FB		202.1()	002.0	AA 02500	
		OLIDE	010	FACF	IF		FB				AA 02500 GI 02500	
		EGROW	020	FAF	CF		FB		201.0()	006.2	GI 02500 GS 02459	
		RW20	030	MAP	CF		FO		201.0()	004.8	AT 00921	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		200.9()		AA 01500	
		050		VI		FB		270.0()			
	MCLEN	060		CF		FO		213.7()	003.0	AA 03000	
	MCLEN	070		HM	R	FO		033.7()	001.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PNT	N404916.32	W0884400.63	N4049.272	W08844.011
	MCLEN	N402418.98	W0890816.55	N4024.316	W08908.276
	EGROW	N403337.75	W0885230.62	N4033.629	W08852.510
	OLIDE	N403934.16	W0884959.17	N4039.569	W08849.986
	RW20	N402905.80	W0885425.86	N4029.097	W08854.431
	ILHJ (LOC)	N402740.25	W0885502.06	N4027.671	W08855.034
	LH	N403337.27	W0885228.68	N4033.621	W08852.478

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00863	58

CITY AND STATE
BLOOMINGTON/NORMAL, IL

ELEVATION: 871 TDZE: 871
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NORMAL

FACILITY IDENTIFIER:
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[illegible][illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBMIK5FL20	AMCLEN	010MCLENK5EA0E	IF							18000		0	NS
SUSAP KBMIK5FL20	AMCLEN	020EGROWK5PC0E	TF						+ 02500			0	NS
SUSAP KBMIK5FL20	AMCLEN	030EGROWK5PC0EE	AR	PI	ILHJK5	0209006333590100	PI		+ 02500			0	NS
SUSAP KBMIK5FL20	APNT	010PNT K5D 0V	A	FC	PNT K5	0000000020210087	D		+ 02500	18000		0	NS
SUSAP KBMIK5FL20	APNT	0200LIDEX5PC0EE	B	CF	ILHJK5	0209012520210020	PI		+ 02500			0	NS
SUSAP KBMIK5FL20	L	0100LIDEX5PC0E	I	IF	ILHJK5	02090125	PI		+ 02500	18000		0	NS
SUSAP KBMIK5FL20	L	020EGROWK5PC0E	F	CF	ILHJK5	0209006320100062	PI		+ 02500		LH	K5PN0	NS
SUSAP KBMIK5FL20	L	030RW20 K5PGOGY	M	CF	ILHJK5	0209001520100048	PI		00921	-313		0	NS
SUSAP KBMIK5FL20	L	040	0 M	CA		2009			+ 01500			0	NS
SUSAP KBMIK5FL20	L	050	0	VI		2700						0	NS
SUSAP KBMIK5FL20	L	060MCLENK5EA0EY		CF	PNT K5	2137031021370030	D		+ 03000			0	NS
SUSAP KBMIK5FL20	L	070MCLENK5EA0EE	R	HM		0337T010			+ 03000			0	NS

[illegible][illegible]

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SUSAP KBMIK5IILHJ2 011190RW20 N40274025W0885502062009N40285458W0885424501098 10480440300W00305800858

[illegible]

SUSAP KBMIK5SLH	K5PN	0	18018002825	M
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[illegible]

SUSAPNKBMIK5 LH K5003340HOLW N40333727W088522868 W0030 NAREGROW

SUP:	
AMDT:	3
DATED:	03/15/2007

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	MCLEN	MCLEN	010		IF		FB					
	MCLEN	EGROW	020		TF		FB				AA 02500	
	MCLEN	EGROW	030	IAF	PI	R	FB		335.9()	010.0	AA 02500	
	PNT	PNT	010	IAF	FC		FB		202.1()	008.7	AA 02500	
	PNT	OLIDE	020		CF		FB		202.1()	002.0	AA 02500	
		OLIDE	010	FACF	IF		FB				AA 02500	
		EGROW	020	FAF	CF		FB		201.0()	006.2	AA 02500	
		RW20	030	MAP	CF		FO		201.0()	004.8	AT 00921	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		200.9()		AA 01500	
		050		VI		FB		270.0()			
	MCLEN	060		CF		FO		213.7()	003.0	AA 03000	
	MCLEN	070		HM	R	FO		033.7()	001.0	AA 03000	

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	PNT	N404916.32	W0884400.63	N4049.272	W08844.011
	MCLEN	N402418.98	W0890816.55	N4024.316	W08908.276
	EGROW	N403337.75	W0885230.62	N4033.629	W08852.510
	OLIDE	N403934.16	W0884959.17	N4039.569	W08849.986
	RW20	N402905.80	W0885425.86	N4029.097	W08854.431
	ILHJ (LOC)	N402740.25	W0885502.06	N4027.671	W08855.034
	LH	N403337.27	W0885228.68	N4033.621	W08852.478

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00863	58

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ILS OR LOC RWY 20, AMDT 3A
ILS RWY 20 (CAT II)
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